

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kiyoshi AKUTAGAWA  
Title: APPARATUS AND METHOD FOR  
DETECTING ROAD WHITE LINE  
FOR AUTOMOTIVE VEHICLE

Appl. No.: Unknown

Filing Date: November 14, 2001

Examiner: Unknown

Art Unit: Unknown

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Kiyoshi AKUTAGAWA

Enclosed are:

- ☒ [X] Specification, Claims, and Abstract (22 pages).
- ☒ [X] Formal drawings (5 sheets, Figures 1-5B).
- ☒ [X] Declaration and Power of Attorney (3 pages).
- ☒ [X] Assignment of the invention to NISSAN MOTOR CO., LTD.
- ☒ [X] Assignment Recordation Cover Sheet.
- ☒ [X] Claim for Convention Priority and Certified Copy of Priority Document.
- ☒ [X] Information Disclosure Statement.
- ☒ [X] Form PTO-1449 with copies of 3 listed references.

The filing fee is calculated below:

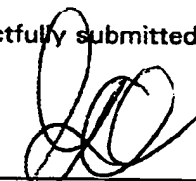
|                                                    | Claims<br>as Filed | Included in<br>Basic Fee | Extra<br>Claims | Rate              | Fee<br>Totals |
|----------------------------------------------------|--------------------|--------------------------|-----------------|-------------------|---------------|
| Basic Fee                                          |                    |                          |                 | \$740.00          | \$740.00      |
| Total Claims:                                      | 11                 | - 20                     | = 0             | x \$18.00         | = \$0.00      |
| Independents:                                      | 3                  | - 3                      | = 0             | x \$84.00         | = \$0.00      |
| If any Multiple Dependent Claim(s) present:        |                    |                          |                 | + \$280.00        | = \$0.00      |
|                                                    |                    |                          |                 | SUBTOTAL:         | = \$740.00    |
| [ ] Small Entity Fees Apply (subtract ½ of above): |                    |                          |                 |                   | = \$0.00      |
|                                                    |                    |                          |                 | TOTAL FILING FEE: | = \$740.00    |
| Assignment Recordation Fee:                        |                    |                          |                 | + \$40.00         | = \$40.00     |
|                                                    |                    |                          |                 | TOTAL FEE         | = \$780.00    |

- [ X ] A check in the amount of \$780.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By

 34371

Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479

Date: November 14, 2001

FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5414  
Facsimile: (202) 672-5399